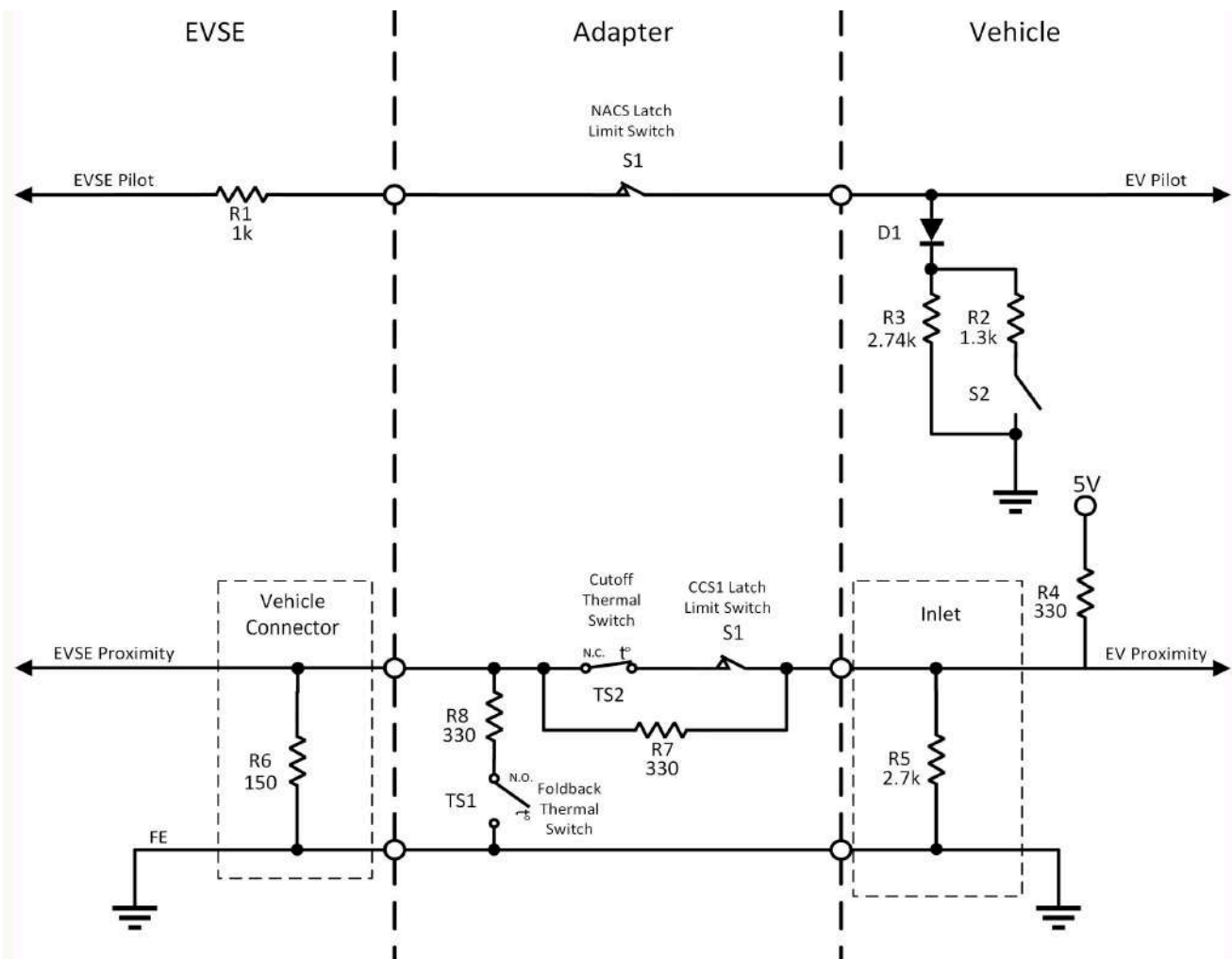
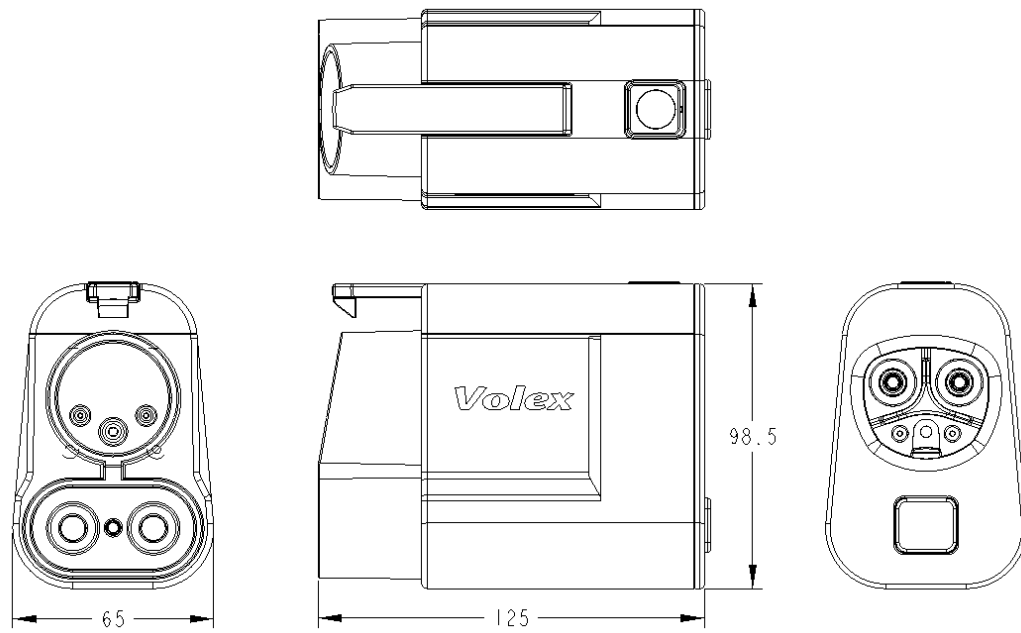


NACS TO CCS1 EV CHARGING ADAPTER



PRODUCT DEFINITION		
Charging Standard	SAE: SAE J1772 Combo (CCS1 DC) SAE: SAE J3400	
Standard / Regulations	IEC: IEC 62196-2 IEC: IEC 62196-3	
Approvals & Certification	UL 2252	
Charging Compatibility	DC Fast Charging (Level 3)	
DIMENSIONS OF ADAPTER		
Width	65.0 mm	
Height	98.5 mm	
Depth	125.0 mm	
ENVIRONMENTAL SPECIFICATIONS		
Ambient Temperature (Operation)	-40°C to +50°C	
Ambient Temperature (Storage / Transport)	-40°C to +80°C	
Maximum Altitude	3,000 m (above sea level)	
Operating Humidity	Up to 95% RH, Condensing	
Degree of Protection (Mated with Socket / Plug)	IP54	
Degree of Protection (Adapter)	IP67 (unmated at both ends)	
ELECTRICAL AND MECHANICAL PROPERTIES		
Rated Voltage	1000V DC	
Operating Temperature: -40°C to +50°C	250A (without liquid cooling)	Normal Rated Current
	350A (with liquid cooling)	Maximum Rated Current
Rated Voltage for Signal Contacts	30V DC	
Rated Current for Signal Contacts	2A	
Insulation Resistance	≥ 100 MΩ	
Temperature Sensor Threshold	85°C	
Mating Cycles (NACS Inlet and CCS1 Connector)	≥ 10,000	
Insertion Force and Withdrawal Force	< 100 N	
Minimum Latching Mechanism Depression Force	10 N	
MATERIAL		
Adapter Enclosure	Plastic	
J1772 Latch	17-4 Stainless Steel	
Terminal	Copper	
Plating	Silver / Nickel Plating or On Request	
Flammability Rating	UL 94 V-0	

VOLEX NACS TO CCS1 ADAPTER MECHANICAL DRAWING



Contact us at sales@volex.com for assistance in finding the right solution for your needs.